

Seed bank management

Grass weed control



What is it?

Grass weeds are an increasing problem and in some cases require resistance management. The seeds of grass weeds have different survival times in the soil and knowledge of the different species is the basis of an integrated weed management strategy.

Seed bank management

- Leave the seeds on the soil surface after harvest for approx. 1 month. This will decrease the number of viable seeds being incorporated into the soil
- Delay sowing of autumn established crops
- Use a false seed bed
- Be aware of the position of your weed seeds depending on the soil tillage strategy
 - Ploughing will bury the seeds, but if you plough every year, the seeds will come back for the next season
 - Consider strategic tillage with several years between (frequency depending on the main grass weed species)



Results

Knowledge on seed survival and creating a management strategy to minimize input to the seed soil bank can decrease grass weed pressure and contribute to a resistance management strategy by applying non-chemical weed management.

